

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NOR-1147		SERIAL NO. 10/699,627	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Babiarz et al.		GROUP 3754	
(37 CFR 1.98(b))				FILING DATE October 31, 2003			

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	PATENT NUMBER	5	3	2	0	2	5	0	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BN/	A.A	5	3	2	0	2	5	0	06/1994	La et al.	—	—	
/BN/	A.B	5	4	6	5	8	7	9	11/1995	La et al.	—	—	
/BN/	A.C	5	7	4	7	1	0	2	05/1998	Smith et al.	—	—	
/BN/	A.D	6	0	6	8	2	0	2	05/2000	Hynes et al.	—	—	
/BN/	A.E	6	2	5	3	9	5	7	07/2001	Messery et al.	—	—	
/BN/	A.F	6	2	6	7	2	6	6	07/2001	Smith et al.	—	—	
/BN/	A.G	6	5	4	1	3	0	4	04/2003	Bouras et al.	—	—	
	A.H												
	A.I												
	A.J												
	A.K												

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)		
A.L							
A.M							
A.N							
A.O							
A.P							
A.Q							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
/BN/	A.R Precision Valve & Automation, <u>Flexibility in Conformal Coating for Small to Medium Size Users</u> , Website printout, 1999
/BN/	A.S Prentice et al., <u>Patent Application Publication No. US 2003/0084845 A1</u> , May 8, 2003
	A.T

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/BN/	A.A	4	8	7	2	4	1	7	10/1989	Kuwabara et al.			
/BN/	A.B	4	9	5	1	6	0	0	08/1990	Soshi et al.			
/BN/	A.C	4	9	6	7	9	3	3	11/1990	Maiorca et al.			
/BN/	A.D	5	0	5	2	3	3	8	10/1991	Maiorca et al.			
/BN/	A.E	5	1	4	1	1	6	5	08/1992	Sharpless et al.			
/BN/	A.F	5	3	7	7	9	1	3	01/1995	Van Der Woude			
/BN/	A.G	5	5	0	5	7	7	7	04/1996	Ciardella et al.			
/BN/	A.H	5	7	1	1	9	8	9	01/1998	Ciardella et al.			
/BN/	A.I	5	7	9	5	3	9	0	08/1998	Cavallaro			
/BN/	A.J	5	8	1	9	9	8	3	10/1998	White et al.			
/BN/	A.K	5	8	3	7	8	9	2	11/1998	Cavallaro et al.			

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	A.L						
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	A.O						
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
/BN/	A.R	Prentice et al., <u>U.S. Pub. No. US 2003/0091727 A1</u> , May 15, 2003
/BN/	A.S	Precision Valve & Automation, <u>Valves, Controllers, Tanks & Accessories, Manual Fluid Dispensing Systems</u> , Product Brochure, No Date
/BN/	A.T	Asymtek®, a Nordson Company, <u>AXIOM™ X-1020 Series, System Specifications</u> , Published July, 2003

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/BN/	B.A	5	9	0	6	6	8	2	05/1999	Bouras et al.				
/BN/	B.B	6	1	2	3	2	6	8	09/2000	Chastine				
/BN/	B.C	6	1	3	2	8	0	9	10/2000	Hynes et al.				
/BN/	B.D	6	1	7	3	8	6	4	01/2001	Reighard et al.				
/BN/	B.E	6	4	4	7	8	4	7	09/2002	Hynes et al.				
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	B.N						
	B.O						
	B.P						
	B.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
/BN/	B.R	Alan Lewis, Alec J. Babiarz, <u>Automatic Dispensing Process for Under Filling Flip Chip on Board</u> , No date
/BN/	B.S	Asymtek, <u>Jetting Underfill Achieves Record Quality and Speed</u> , Website Printout, October 14, 2003
/BN/	B.T	Steven J. Adamson, <u>Review of CSP and Flip Chip Underfill Processes and When to Use the Right Dispensing Tools for Efficient Manufacturing</u> , GlobalTRONICS Technoogy Conference 2002, Singapore

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	C.B						
	C.C						
	C.D						
	C.E						
	C.F						
	C.G						
	C.H						
	C.I						
	C.J						
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C.M							
C.N							
C.O							
C.P							
C.Q							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
/BN/	C.R	Alan Lewis, Christian Q. Ness, Brian Verilli, <u>Controlling Fillet Size in Underfill Process</u> , February 1999
/BN/	C.S	Remy Lim, Allen Duck, <u>Controlling Process Parameters for Flip-Chip Underfill</u> , Electronics Engineer, July 2000
/BN/	C.T	Alan Lewis, Alec Babiarz, Christian Q. Ness, EC Ng, <u>Best Practices in Automated Underfill Dispensing</u> , August 1998

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